

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	20	(back adj off) and ((sonic pressure) with wave) and thread\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/13 10:40
S2	0	(unthread\$3 unscrew\$3) with ((sonic pressure) adj wave)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/07/15 10:19
S3	0	(unthread\$3 unscrew\$3) same ((sonic pressure) adj wave)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/07/15 09:40
S4	115	(unthread\$3 unscrew\$3) and ((sonic pressure) adj wave)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/07/15 10:04
S5	3	(backoff (back adj off)) same ((sonic pressure) adj wave) same generat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/07/15 10:31
S6	13	(backoff (back adj off)) and (((sonic pressure) adj wave) same generat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/07/15 10:10
S7	28	(unthread\$3 unscrew\$3) and (((sonic pressure) adj wave) same generat\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/07/15 10:10
S8	0	(decoupl\$3) with thread\$4 with ((sonic pressure) adj wave)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/07/15 10:20
S9	0	(decoupl\$3) same thread\$4 same ((sonic pressure) adj wave)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/07/15 10:20
S10	1	((decoupl\$3) with thread\$4) and ((sonic pressure) adj wave)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/07/15 10:20
S11	117	(backoff (back adj off)) near\$3 tool	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/07/15 11:35

S12	69	(acoustic and sonic and pressure) adj wave	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/07/15 11:11
S13	3	(acoustic with sonic with pressure) adj wave	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/07/15 11:19
S14	7	(acoustic same sonic same pressure) adj wave	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/07/15 11:29
S15	0	(explos\$3 explod\$3) with sonic with pressure with wellbore	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/07/15 11:31
S16	1	(explos\$3 explod\$3) same sonic same pressure same wellbore	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/07/15 11:31
S17	84	sonic with wave with generat\$3 with piezoelectric\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/07/15 11:36
S18	651	(166/297).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/07/15 12:47
S19	296	(166/301).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/07/15 12:30
S20	448	(166/55).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/07/15 12:30
S21	194	(166/377).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/07/15 12:30
S22	0	((166/297).CCLS.) and ((166/177. 1).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/07/15 12:30

S23	9	((166/301).CCLS.) and ((166/177.1).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/07/15 12:41
S24	0	((166/55).CCLS.) and ((166/177.1).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/07/15 12:41
S25	0	((166/377).CCLS.) and ((166/177.1).CCLS.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/07/15 12:41
S26	68	(166/177.1).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/07/15 12:41
S27	14	((166/297).CCLS.) and sonic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/07/15 12:50
S28	14	((166/301).CCLS.) and sonic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/07/15 13:29
S29	13	("2305261" "2407991" "2730176" "2972380" "3142901" "3152642" "3168140" "3180418" "3189092" "3199594" "3399724" "4074758" "4343356").PN.	USPAT	OR	ON	2004/07/15 13:20
S30	0	"4396065".URPN.	USPAT	OR	ON	2004/07/15 13:28
S31	0	"4396065".URPN.	USPAT	OR	ON	2004/07/15 13:28
S32	1	((166/55).CCLS.) and sonic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/07/15 13:29
S33	2	((166/377).CCLS.) and sonic	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/07/15 13:29
S34	2	"2407991".URPN.	USPAT	OR	ON	2004/07/15 13:30
S35	7	"2305261".URPN.	USPAT	OR	ON	2004/07/15 13:31
S36	11	("6489707" "4945984" "4917785" "4537255" "4402219" "4184546" "4007790" "3994163" "3268003" "3174545" "20030024702").PN.	US-PGPUB; USPAT	OR	ON	2004/07/19 10:19

S37	0	(neutral near2 weight) with reciprocating\$3 with (pipe string tubular)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/07/19 09:40
S38	0	(neutral near2 weight) same reciprocating\$3 same (pipe string tubular)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/07/19 09:40
S39	1	((neutral near2 weight) same reciprocating\$3) and (pipe string tubular)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/07/19 09:40
S40	2	("5234056").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/07/19 10:19
S41	8859	(unscrew unthread backoff (back adj off)) same (pipe tube tubular tubing rod casing)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/16 12:56
S42	10	S41 and ((pressure sonic) near3 wave)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2004/12/16 12:56
S43	479	(175/56).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2004/12/16 13:09
S44	2	("4667742").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/12 15:22
S45	12	sonic near3 solid near3 state	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/12 15:33
S46	1	(stack near3 piezoelectric near3 plate) with ((sonic pressure) near3 wave)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/12 15:34

S47	1	(stack near3 piezoelectric near3 plate) same ((sonic pressure) near3 wave)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/12 15:35
S48	22	(stack near3 piezoelectric near3 plate) and ((sonic pressure) near3 wave)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/12 15:45
S49	14	(piezoelectric near3 ceramic) with (sonic near3 wave)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/12 15:46
S50	3	("3905432").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/13 07:31
S51	47	(sonic near3 wave near3 (generat\$3 apparatus tool device)) with (downhole borehole wellbore)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2005/05/13 10:41
S52	4	("2948059").URPN.	USPAT	OR	ON	2005/05/13 10:50